

Homework #1

"We saw in class that 8 comparisons suffice to sort an array of 5 keys (an arbitrary real #) using the result for 4 keys and inserting the lone fifth key into the sorted array. Modify the argument to show that 7 comparisons are enough to sort that array of 5 keys. Use diagrams with dotted lines and vertical lines between keys (the higher is the smaller) to show the orders of the keys comparisons."

